# AZ

因/自变量|函数关系式| $R^2$

----|------|----

Y ~ X | Y1 = 2.672e+00 PAACB + 7.598e+02 PARCV + 8.822e+04 | 0.99

Y ~ X | Y2 = 1.843e+00 PAACB - 2.816e+01 PAACV - 2.504e+05 | 0.79

X ~ Year | PAACB = 9.005e+03 Year - 1.758e+07 | 0.94

X ~ Year | PARCV = - 3.581e+02 Year + 9.056e-02 $Year^2$ - 4412.7658 | 0.77

X ~ Year | PAICB = 1.199e05 sin(0.006114 Year+113.9) + 9660 sin(0.2221 Year-185.6)+3571 sin(0.3512 Year+68.1) | 0.8847

# CA

因/自变量|函数关系式| $R^2$

----|------|----

Y ~ X | Y1 = 1.900e+00 PAACB + 2.177e+06 | 0.96

Y ~ X | Y2 = 1.587 JKTCB -4.833 NGICV + 2.267e+05 | 0.8

X ~ Year | PAACB = 37550 Year - 72108586 | 0.95

X ~ Year | JKTCB ~ 1.178e+04 Year - 2.301e+07 | 0.93

X ~ Year | NGICV ~ 142.1 Year -280361.8 | 0.8

# NM

因/自变量|函数关系式| $R^2$

----|------|----

Y ~ X | Y1 = 3.452e+00 PAACB + 2.800e+06 | 0.92

Y ~ X | Y2 = 7.5412 PAACV -31.2067 PARCV + 1369.9210 | 0.84

X ~ Year | PAACB = 2191.3 Year - 4203950.9 | 0.87

X ~ Year | PAACV = - 1.265e+04 Year + 3.201 $Year^2$ +1.250e+07 | 0.83

X ~ Year | PARCV = 1400 sin(0.009562 Year+138.2)+134.6 sin(0.2108 Year-101.1)+73.48 sin(0.3946 Year-141.7) | 0.9

# TX

因/自变量|函数关系式| $R^2$

----|------|----

Y ~ X | Y1 = - 688.2 NGRCV + 2.280 PAACB + 1.748 PAICB + 1.926e+06 | 0.97

Y ~ X | Y2 = 316.169 NGRCV - 1.416 NGICV - 80714.039 | 0.70

X ~ Year | NGRCV = 49.839 Year - 97939.195 | 0.87

X ~ Year | PAACB = 39914 Year - 77366230 | 0.96

X ~ Year | PAICB = 46513 Year - 90187886 | 0.89

X ~ Year | NGICV = 3.88e04 sin(0.004484 Year+148.3)+1124 sin(0.2694 Year - 218.1) | 0.8426

predict

## AZ

# # 2025 # 2050

# P # 0.452402 # 0.4723146

# Q # 75.54587 # 79.75629

# Y1 # 1997790 # 2807026

# Y2 # 622282.4 # 900486.5

# population # 8237.146 # 11290.476

# PAACB(X9) # 650952.2 # 876085.5

# PARCV(X16) # 224.0283 # 497.3537

# PAACV(X13) # 72445 # 80723

## CA

# # 2025 # 2050

# P # 0.1887399 # 0.2097572

# Q # 33.66994 # 34.60925

# Y1 # 9643963 # 11427588

# Y2 # 1531202 # 1981405

# population # 45476.83 # 57250.74

# PAACB(X9) # 3930179 # 4868929

# JKTCB # 844500 # 1139000

# NGICV(X3) # 7390.7 # 10943.2

## NM

# # 2025 # 2050

# P # 0.06419801 # 0.130102

# Q # 19.57257 # 35.67529

# Y1 # 792942.3 # 954717.7

# Y2 # 47834.44 # 109911

# population # 2443.953 # 3080.872

# PAACB(X9) # 233505.7 # 288289.1

# PAACV(X10) # 8187.221 # 17995.202

# PARCV(X16) # 489.5409 # 870.4646

## TX

# # 2025 # 2050

# P # 0.06082602 # 0.07269759

# Q # 28.73616 # 32.58344

# Y1 # 14754519 # 18204769

# Y2 # 845999.8 # 1233752

# population # 29440.25 # 37864.39

# NGRCV(X4) # 2985.782 # 4231.769

# PAACB(X9) # 3460351 # 4458210

# PAICB(X13) # 4000992 # 5163818

# NGICV(X3) # 12216 # 16588